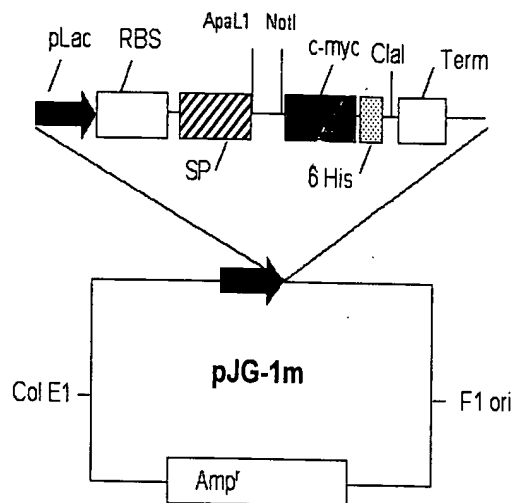


FIGURE 1.



End of the signal peptide (SP), restriction sites ApaI1 - NotI, and two extra codons:  
 CCTTTCTATTCTCACAGTGCACAGGAAATCAAAGCGGCCGCAGGGTCC

c-myc peptide and an extra codon: GAACAAAACTCATCTCAGAAGAGGATCTGAATTCC

6 histidines domain (6 His) and two stop codons: CATCATCATCACCATCACTAATAA

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FIGURE 2.

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(1) Monovalent scFv fragment (SEQ ID NO. 16):

EVKLVESGGDLVKPGGSLKFSCAASGFPFNRYAMSWVRQTPEKRL  
EWVAFISSDGIAYYADSVKGRFTISRDNARNILYLQMSSLRSED  
MYYCARVYYYGSSYFDYWGGGTTTLTVSSEGKSSGSGSESKVDDIV  
MTQSPKFMSTSVGDRVSVTCKASQNAGTNVAWYQQKPGQSPKAL  
IYSASSRNSGVPDRITGSGSGTDFTLTISNVQSEDLAEYFCQQYNS  
YPLVTFGAGTKLELK

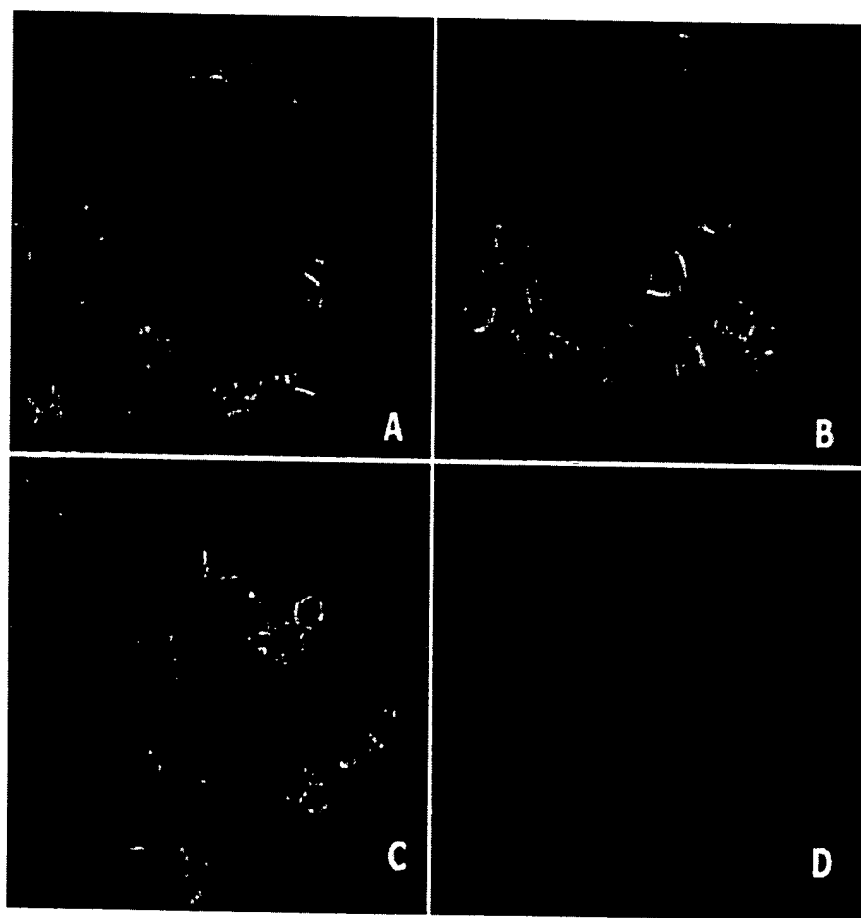
(2) Divalent scFv fragment (diabody) (SEQ ID NO. 17):

EVKLVESGGDLVKPGGSLKFSCAASGFPFNRYAMSWVRQTPEKRL  
EWVAFISSDGIAYYADSVKGRFTISRDNARNILYLQMSSLRSED  
MYYCARVYYYGSSYFDYWGGGTTTLTVSSGGGGSDIVMTQSPKFM  
STSVGDRVSVTCKASQNAGTNVAWYQQKPGQSPKALIYSASSRNS  
GVPDRITGSGSGTDFTLTISNVQSEDLAEYFCQQYNSYPLVTFGAG  
TKLELK

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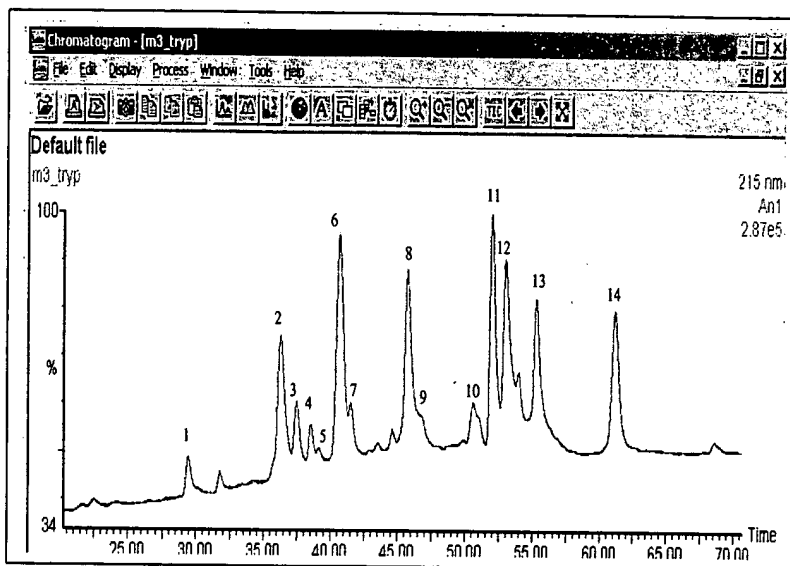
Figure 3.



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FIGURE 4.



Peak #	m/z exp	Theoretical m/z	Z	Absolute error	Assignment
1	744.38	744.36	1	0.02	179-185
2	502.33	502.32	1	0.01	229-232
	921.44	921.42	2	0.02	241-255
3	999.48	999.45	1	0.03	134-142
4	623.34	623.34	1	0.00	67-71
5	967.51	967.51	1	0.00	170-178
6	1130.55	1130.55	2	0.00	149-169
	778.43	778.43	2	0.00	4-19
7	833.40	833.39	2	0.01	149-163
8	870.70	870.69	3	0.01	(20-31)-S-S-(87-97)
9	912.45	912.43	1	0.02	32-38
10	669.38	669.36	2	0.02	76-86
	894.48	894.47	1	0.01	76-82
11	1291.60	1291.59	3	0.01	98-133
12	1311.65	1311.62	4	0.03	(143-148)-S-S-(186-228)
13	1195.61	1195.60	2	0.01	(44-64)
14	1117.57	1117.55	2	0.02	(45-64)

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FIGURE 5.

EVKLVESGGDLVKPGGSLKFSCAASGFNFNRYAMSWVRQTPEKRLEWVAFISSDGIAYYADSVKGRF  
TISRDNARNILYLQMSSLRSEDTAMYYCARVYYYGSSYFDYWGGQTTLTVSSGGGGSDIIMTQSPKFM  
STSVGDRVSVTCKASQNAAGTNVAWYQQKPGQSPKALIYSASSRNSGVDPDRITGSGSGTDFLTISNV  
QSEDLAEYFCQQYNSYPLVTFGAGTKLELK AAAGSEQKLISEEDLNSHHHHHH

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FIGURE 6.

